



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/816,172	04/01/2004	Henry Allen Hill	114096.131 US2 ZI-51

CONFIRMATION NO. 7892

23483

WILMER CUTLER PICKERING HALE AND DORR LLP  
 60 STATE STREET  
 BOSTON, MA 02109

## FORMALITIES LETTER



\*OC000000012989745\*



Date Mailed: 06/18/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/20/2004 HLE333 00000032 080219 10816172

FILED UNDER 37 CFR 1.53(b)

01 FC:2001 385.00 DA  
 02 FC:2202 198.00 DA  
 03 FC:2051 65.00 DA

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$198** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$648** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$198**

- \$198 for 22 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice MUST be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 114096.131US2 (ZI-51))

In re Application of: Hill, Henry A. ) Examiner: To Be Assigned  
Serial No. 10/816,172 ) Group Art Unit: 2877  
Filing Date: April 1, 2004 )  
For: APPARATUS AND METHOD FOR MEASUREMENT OF FIELDS OF BACKSCATTERED AND  
FORWARD SCATTERED/REFLECTED BEAMS BY AN OBJECT IN INTERFEROMETRY

\*\*\*\*\*  
**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.

7-16-04  
Date

Leslie Rukstalis  
Leslie Rukstalis

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Enclosed for filing in the above-identified patent application is a Response to Notice to File Missing Parts of Nonprovisional Application. Please charge all fees due in connection with this matter, or credit any overpayment to Deposit Account No. 08-0219.

If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

Date: July 15, 2004  
Wilmer Cutler Pickering Hale and Dorr LLP  
60 State Street  
Boston, MA 02109  
(617) 526-6000  
(617) 526-5000 (Facsimile)

Eric L. Prahl  
Eric L. Prahl, Reg. No. 32,590  
Attorney/Agent for Applicant



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 114096.131US2 (ZI-51))

In re Application of: Hill, Henry A. ) Examiner: To Be Assigned  
Serial No. 10/816,172 ) Group Art Unit: 2877  
Filing Date: April 1, 2004 )  
For: APPARATUS AND METHOD FOR MEASUREMENT OF FIELDS OF BACKSCATTERED AND  
FORWARD SCATTERED/REFLECTED BEAMS BY AN OBJECT IN INTERFEROMETRY

\*\*\*\*\*

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.

7-16-04  
Date

Leslie Rukstalis  
Leslie Rukstalis

\*\*\*\*\*

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**  
**Filed Under 37 C.F.R. 1.53(b)**

Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application, mailed June 18, 2004, Applicant submits the following:

1. Notice to File Missing Parts of Nonprovisional Application mailed June 18, 2004;
2. Executed Declaration and Power of Attorney;
3. Payment of \$65.00 Late Filing Fee;
4. Payment of \$385.00 Basic Filing Fee;
5. Payment of \$198 Additional Claim Fee;
6. Request for Correction of Applicant Address;
7. Supplemental Application Data Sheet;
8. Certificate of First Class Mailing; and
9. Return Postcard.

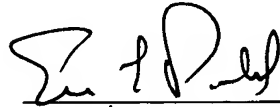
The surcharge fee of \$65.00 pursuant to 37 C.F.R. §1.16(e), the basic filing fee of \$385.00, and the additional claim fee of \$198.00, and any additional fees that might be due should be charged to Deposit Account No. 08-0219.

If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

Date:

July 15, 2007  
Wilmer Cutler Pickering Hale and Dorr LLP  
60 State Street  
Boston, MA 02109  
(617) 526-6000  
(617) 526-5000 (Facsimile)



---

Eric L. Prah, Reg. No. 32,590  
Attorney/Agent for Applicant